

WHAT IS CLAIMED IS:

1. A clamping device for a circular saw, comprising:

a body adapted to be secured on a worktable of the circular saw, the body including a through hole defined in and extending
5 through the body, a cavity defined in the body and communicating with the through hole;

a threaded rod extending through the body via the through hole in the body, the threaded rod including a first end having a knob secured thereon for user to easily rotate the threaded rod and a second
10 end having a clamping plate pivotally connected to the threaded rod for clamping the workpiece on the worktable of the circular saw;

a braking block partially received in the cavity in the body and reciprocally pivotally moved relative to the body, the braking block including a curve groove defined in one end of the braking block and
15 having multiple spiral formed on a bottom of the curve groove for selectively engaging to the threaded rod, an actuator extending from the braking block for user to press the braking block and make the multiple spirals detach from the threaded rod;

a torsion spring mounted to the braking block, the torsion
20 spring has a first end abutting against the body and a second end abutting against the actuator to provide a restitution force to the braking block after the user downward press the actuator to make the multiple spirals detach from the threaded rod; and

a pin laterally extending through the body and the braking block to hold the braking block in place.

2. The clamping device as claimed in claim 1, wherein a recess is defined in one side of the braking block for receiving the torsion
5 spring.

3. The clamping device as claimed in claim 2, wherein a protrusion laterally extends from a bottom of the recess and extends through the torsion spring, the pin extending through the braking block relative to the protrusion.